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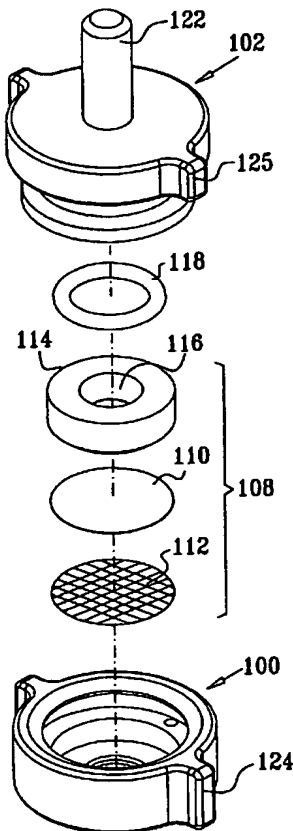
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[Continued on next page]

(54) Title: METHODS FOR SEM INSPECTION OF FLUID CONTAINING SAMPLES

(57) Abstract: A method of visualizing a sample in a wet environment including introducing a sample into a specimen enclosure in a wet environment and scanning the sample in the specimen enclosure in a scanning electron microscope, thereby visualizing the sample.



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# INTERNATIONAL SEARCH REPORT

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## A. CLASSIFICATION OF SUBJECT MATTER

IPC(7) : G01N 23/00, H01J37/256

US CL : 250/310, 250/397

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

U.S. : 250/310, 250/397, 250/251

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

| Category * | Citation of document, with indication, where appropriate, of the relevant passages                               | Relevant to claim No. |
|------------|--|-----------------------|
| X          | US 4,720,633 A (NELSON) 19 January 1988 (19.01.1988), column 2, line 19 - column 5, line 19, and Fig. 1.         | 1-203                 |
| A          | US 4,880,976 A (MANCUSO et al.) 14 November 1989 (14.11.1989), column 1, line 46 - column 4, line 14, and Fig 1. | 1-203                 |
| A          | US 5,412,211 A (KNOWLES) 02 May 1995 (02.05.1995), column 3, line 37 - column 12, line 2.                        | 1-203                 |
| A          | US 5,789,748 A (LIU et al.) 04 August 1998 (04.08.1998), column 2, line 29 - column 8, line 64.                  | 1-203                 |
| A, P       | US 6,459,482 B1 (SINGH et al.) 01 October 2002 (01.10.2002), column 2, line 49 - column 7, line 65.              | 1-203                 |

☐ Further documents are listed in the continuation of Box C.

☐ See patent family annex.

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